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near or distant thunderstorms per year and for the
four months of the warm period (May to August)
during which thunderstorm activity is most pro-
nounced. The charts were compiled chiefly according
to the number of thunderstorm days in the data of the
Climatic Handbooks of the USSR (Klimaticheskie
Spravochniki SSSR). In the preparation of the maps of
the number of days with thunderstorms, use was made
of data from about 2100 meteorological stations with
(Earth Sciences--Meteorology, TT, v. 5, no. 6)(over)

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DESCRIPTORS: *Polymers, *Ethylenes, Synthesis,
Pressure, Catalysts, Chromium compounds, Oxides,
Aluminum compounds, silicates

Experiments showed that the major factors determining
the molecular weight and mechanical properties of the
polymer are the polymerization temperature, the cata-
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